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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/759,619	01/12/2001	Keith Schwols	10990068-1	2399

7590 06/03/2004

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EXAMINER	
HAMILTON, MONPLAISIR G	

ART UNIT	PAPER NUMBER
2135	

DATE MAILED: 06/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/759,619	SCHWOLS, KEITH	
	Examiner	Art Unit	
	Monplaisir G Hamilton	2135	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *23 March 2004*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1,3,4 and 6-8* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1,3,4 and 6-8* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. The communication filed on 3/023/04 amended Claims 1, 4, and 7-8. Claims 1, 3-4 and 6-8 remain for examination.

Response to Arguments

2. Applicant's arguments with respect to Claims 1, 3-4 and 6-8 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 1, 3, 4 and 6-8 are rejected under 35 U.S.C. 103(a) as being unpatentable US 5638509, issued to Dunphy, herein referred to as Dunphy and US 6370,545, issued to Shaath et al, in view of Tristrata Delivers Secure Information Management System 2.0, herein referred to as Tristrata in view of Basic Software Algorithms by Samsung Electronics, herein referred to as Samsung further in view of *How OLE and COM solve the problems of component software design* by Brockschmidt, Kraig, herein referred to as Kraig.

Referring to Claims 1, 4 and 7:

Dunphy discloses a method for protecting, tracking, and retrieving data on a computer system, said method comprising the steps of (col 1, lines 45-48; col 2, lines 40-45; col 5, lines 5-9): connecting a database to an existing operating system and to existing file management software on said computer system (Fig 1; col 6, lines 5-9; col 2, lines 40-45; col 3, lines 35-38); selecting at least one file to be protected from a primary storage device in said computer system (col 3, lines 21-24); copying said at least one file from said primary storage device to a secondary storage device in said computer system by activating said existing file management software to perform said copying (col 2, lines 40-45; col 5, lines 30-44); creating at least one

database record when copying said at least one file from said primary storage device to said secondary storage device, wherein said at least one database record contains tracking information about said at least one file and about said copying (col 4, lines 25-30, 40-46); storing said at least one database record in said database (col 2, lines 1-5); and displaying said at least one database record, through a user interface for said existing file management software on a screen display in a graphics display device of said computer system (Fig 4; col 8, lines 49-55), wherein said at least one database record is displayed graphically as a virtual file representing said at least one file. (col 8, lines 54-55).

Dunphy does not explicitly disclose "said existing file management software is native to the existing operating system; said at least one removable storage medium has a unique identifier, (c1) creating a globally unique identifier (GUID), wherein said GUID comprises 128 binary bits created from a current time and date from said computer system and a unique machine identifier copied from an electronic circuit of said computer system c2) converting said GUID into a character string., and(c3) assigning said character string as said unique identifier."

Tristrata discloses said existing file management software is native to the existing operating system (page 2, paragraph 4).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the teachings of Dunphy such that the file management software is native to the operating system. One of ordinary skill in the art would have been motivated to do this because it would provide complete integration with the operating system (page 1, paragraph 2).

Dunphy in view of Tristrata does not explicitly disclose "said at least one removable storage medium has a unique identifier, (c1) creating a globally unique identifier (GUID), wherein said GUID comprises 128 binary bits created from a current time and date from said computer system and a unique machine identifier copied from an electronic circuit of said computer system c2) converting said GUID into a character string., and(c3) assigning said character string as said unique identifier."

Shaath discloses allocating a unique and fixed identifier in the form of a drive name to removable media. Shaath further discloses (c1) creating a globally unique identifier (GUID) (col 5, lines 3-5), (c3) assigning said character string as said unique name for said removable storage medium (col 5, line 4).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the teachings of Dunphy in view of Tristrata to provide the removable storage media with unique identifiers. One of ordinary skill in the art would have been motivated to do this because it would provide a non-volatile path to the stored information (Shaath: col 5, lines 3-6).

Dunphy and Tristrata in view Shaath do not explicitly disclose "c1) creating a globally unique identifier (GUID), wherein said GUID comprises 128 binary bits created from a current time and date from said computer system and a unique machine identifier copied from an electronic circuit of said computer system (c2) converting said GIUD into a character string;"

Samsung discloses a method for converting hexadecimal to (ASCII) a character string (Section 16, page 19).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the teachings of Dunphy and Tristrata in view of Shaath to convert the unique identifier from hexadecimal to a character string. One of ordinary skill in the art would have been motivated to do this because it would provide a nonvolatile name that is easily understood for the removable storage (col 5, lines 2-4).

Dunphy, Tristrata and Shaath in view of Samsung do not explicitly disclose "c1) creating a globally unique identifier (GUID), wherein said GUID comprises 128 binary bits created from a current time and date from said computer system and a unique machine identifier copied from an electronic circuit of said computer system."

Kraig discloses a well known algorithm that creates a globally UUID, said GUID comprises 128 binary bits created from a current time and date from said computer system and a unique machine identifier copied from an electronic circuit of said computer system (pg 14, lines 55-65; pg. 15, lines 1-5).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the teachings of Dunphy, Tristrata and Shaath in view of Samsung such that the GUID is 128 binary bits created from a current time and date from said computer system and a unique machine identifier copied from an electronic circuit of said computer system. One of ordinary skill in the art would have been motivated to do this because it would allow the system to create a unique id for the device (Kraig-pg 14, lines 50-60).

Referring to Claims 3, 6 and 8:

Dunphy, Tristrata, Shaath and Samsung in view of Kraig disclose the limitations as discussed in Claims 1 and 4 above. Samsung further discloses converting each hexadecimal digit of said GUID into a single character of said character string (Section 16-19).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to further modify the teachings of Dunphy, Shaath and Samsung in view of Kraig such that the system converts the hexadecimal digits to a character string. One of ordinary skill in the art would have been motivated to do this because it would provide a character string identifier that a human user can understand.

Final Rejection

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

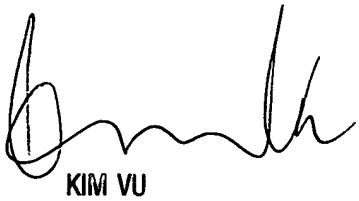
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Monplaisir G Hamilton whose telephone number is (703) 305-5116. The examiner can normally be reached on Monday - Friday (8:00 am - 4:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y Vu can be reached on (703) 305-4393. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Monplaisir Hamilton



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